

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JFW

IN THE APPLICATION OF:

ANTHONY J. KINNEY ET. AL

CASE NO.: BB1531USNA

CONFIRMATION NO.:

EXAMINER:

FOR: ANNEXIN AND P34 PROMOTERS AND USE IN EXPRESSION OF TRANSGENIC
GENES IN PLANTS



APPLICATION NO.: 10/776889

GROUP ART UNIT: 1634

FILED: FEBRUARY 11, 2004

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P.O. Box 1450
Alexandria, VA 22313-1450

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Respectfully submitted,

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Dated: 8/16/04

Enclosures



PTO/SB/92 (08-03)

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10/776889

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Filing Date	February 11, 2004
First Named Inventor	ANTHONY J. KINNEY
Group Art Unit	1634
Examiner Name	
Attorney Docket Number	BB1531USNA

(use as many sheets as necessary)

Sheet	1	of	1
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Attorney Docket Number	BB1531USNA
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Sheet 1 of 3

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	JOAQUIN ESPARTERO ET AL., Differential accumulation of S-adenosylmethionine synthetase transcripts in response to salt stress, Plant Mol. Biol., Vol. 25:217-227, 1994	<input type="checkbox"/>
	2	MAKOTO MATSUOKA ET AL., Tissue-specific light-regulated expression directed by the promoter of a C4 gene, maize pyruvate,orthophosphate dikinase, in a C3 plant, rice, PNAS, Vol. 90:9586-9590, 10/1993	<input type="checkbox"/>
	3	PABLO D. CERDAN ET AL., A 146 bp fragment of the tobacco Lhcb1*2 promoter confers very-low-fluence,low-fluence and high-irradiance responses of phytochrome to a minimal CaMV 35S promoter, Plant Mol. Biol., Vol. 33:245-255, 1997	<input type="checkbox"/>
	4	ROSSITZA ATANASSOVA ET AL., Functional analysis of the promoter region of a maize (Zea mays L.) H3 histone gene in transgenic Arabidopsis thaliana, Plant Mol. Biol., Vol. 37:275-285, 1998	<input type="checkbox"/>
	5	MATS ELLERSTROM ET AL., Functional dissection of a napin gene promoter:identification of promoter elements required for embryo and endosperm-specific transcription, Plant Mol. Biol., Vol. 32:1019-1027, 1996	<input type="checkbox"/>
	6	AINE L. PLANT ET AL., Regulation of an Arabidopsis oleosin gene promoter in transgenic Brassica napus, Plant Mol. Biol., Vol. 25:193-205, 1994	<input type="checkbox"/>
	7	JAMES S. KEDDIE ET AL., A seed-specific Brassica napus oleosin promoter interacts with a G-box-specific protein and may be bi-directional, Plant Mol. Biol., Vol. 24:327-340, 1994	<input type="checkbox"/>
	8	ZHANG-LIANG CHEN ET AL., Regulated Expression of Genes Encoding Soybean beta-Conglycinins in Transgenic Plants, Developmental Genetics, Vol. 10:112-122, 1989	<input type="checkbox"/>
	9	JANICE W. EDWARDS ET AL., Cell-specific expression in transgenic plants reveals nonoverlapping roles for chloroplast and cytosolic glutamine synthetase, PNAS, Vol. 87:3459-3463, 05/1990	<input type="checkbox"/>
	10	THOMAS LUBBERSTEDT ET AL., Promoters from Genes for Plastid Proteins Possess Regions with Different Sensitivities toward Red and Blue Light, Plant Phys., Vol. 104:997-1006, 1994	<input type="checkbox"/>
	11	SHENG LUAN ET AL., A Rice cab Gene Promoter Contains Separate cis-Acting Elements That Regulate Expression in Dicot and Monocot Plants, The Plant Cell, Vol. 4:971-981, 08/1992	<input type="checkbox"/>

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	12	PAUL R. EBERT ET AL., Identification of an essential upstream element in the nopaline synthase promoter by stable and transient assays, PNAS, Vol. 84:5745-5749, 08/1987	<input type="checkbox"/>
	13	JOHN C. WALKER ET AL., DNA sequences required for anaerobic expression of the maize alcohol dehydrogenase 1 gene, PNAS, Vol. 84:6624-6628, 10/1987	<input type="checkbox"/>
	14	VADIM L. METT ET AL., A system for tissue-specific copper-controllable gene expression in transgenic plants: nodule-specific antisense of aspartate aminotransferase-P2, Transgenic Research, Vol. 5:105-113, 1996	<input type="checkbox"/>
	15	RICHARD A. JEFFERSON ET AL., GUS fusions: beta-glucuronidase as a sensitive and versatile gene fusion marker in higher plants, The EMBO J., Vol. 6(13):3901-3907, 1987	<input type="checkbox"/>
	16	FRITZ SCHOFFL ET AL., The function of plant heat shock promoter elements in the regulated expression of chimaeric genes in transgenic tobacco, Mol. Gen. Genet., Vol. 217:246-253, 1989	<input type="checkbox"/>
	17	ELISABETH TRUERNIT ET AL., The promoter of the Arabidopsis thaliana SUC2 sucrose-H ⁺ symporter gene directs expression of beta-glucuronidase to the phloem: Evidence for phloem loading and unloading by SUC2, Planta, Vol. 196:564-570, 1995	<input type="checkbox"/>
	18	SONKE HOLTORF ET AL., Comparison of different constitutive and inducible promoters for the overexpression of transgenes in Arabidopsis thaliana, Plant Mol. Biol., Vol. 29:637-646, 1995	<input type="checkbox"/>
	19	MICHAEL. J. BATTRAU ET AL., Histochemical analysis of CaMV 35S promoter-beta-glucuronidase gene expression in transgenic rice plants, Plant Mol. Biol., Vol. 15:527-538, 1990	<input type="checkbox"/>
	20	MICHAEL A. LAWTON ET AL., Expression of a soybean beta-conglycinin gene under the control of the Cauliflower Mosaic Virus 35S and 19S promoters in transformed petunia tissues, Plant Mol. Biol., Vol. 9:315-324, 1987	<input type="checkbox"/>
	21	A. WILMINK ET AL., Activity of constitutive promoters in various species from the Liliaceae, Plant Mol. Biol., Vol. 28:949-955, 1995	<input type="checkbox"/>
	22	JOAN T. ODELL ET AL., Identification of DNA sequences required for activity of the cauliflower mosaic virus 35S promoter, Nature, Vol. 313:810-812, 1985	<input type="checkbox"/>

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	23	MUKUL MATHUR ET AL., Phytohormonal regulation of S-adenosylmethionine synthetase by gibberellic acid in wheat aleurones, Biochimica et Biophysica Acta., Vol. 1137:338-348, 1992	<input type="checkbox"/>
	24	THOMAS KAISER ET AL., Promoter elements of the mustard CHS1 gene are sufficient for light regulation in transgenic plants, Plant Mol. Biol., Vol. 28:219-229, 1995	<input type="checkbox"/>
	25	LOURDES GOMEZ-GOMEZ ET AL., Differential Expression of the S-Adenosyl-L-Methionine Synthase Genes during Pea Development, Plant Phys., Vol. 117:397-405, 1998	<input type="checkbox"/>
	26	JOHN M. MCDOWELL ET AL., The Arabidopsis ACT7 Actin Gene Is Expressed in Rapidly Developing Tissues and Responds to Several External Stimuli, Plant Phys., Vol. 111:699-711, 1996	<input type="checkbox"/>
	27	TIM ULMASOV ET AL., The Soybean GH2/4 Gene That Encodes a Glutathione S-Transferase Has a Promoter That Is Activated by a Wide Range of Chemical Agents, Plant Phys., Vol. 108:919-927, 1995	<input type="checkbox"/>
	28	N.-S. YANG ET AL., Maize sucrose synthase-1 promoter directs phloem cell-specific expression of Gus gene in transgenic tobacco plants, PNAS, Vol. 87:4144-4148, 06/1990	<input type="checkbox"/>
	29	VICKI L. CHANDLER ET AL., Two Regulatory Genes of the Maize Anthocyanin Pathway Are Homologous: Isolation of B Utilizing R Genomic Sequences, Plant Cell, Vol. 1:1175-1183, 12/1989	<input type="checkbox"/>
	30	JULIE C. LLOYD ET AL., The chloroplast FBpase gene of wheat: structure and expression of the promoter in photosynthetic and meristematic cells of transgenic tobacco plants, Mol. Gen. Genet., Vol. 225:209-216, 1991	<input type="checkbox"/>
	31	JORG STOCKHAUS ET AL., Correlation of the expression of the nuclear photosynthetic gene ST-LS1 with the presence of chloroplasts, EMBO J., Vol. 8(9):2445-2451, 1989	<input type="checkbox"/>
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